Complete Listing of all Pending Claims:

1. (Currently amended) A ~~light~~ lighting apparatus, comprising:

a sensor that senses hue of an ambient light within a space; and

a light hue modulating device that projects a compensating light to adjust the ambient light to a desired hue within the space, wherein the light hue modulating device is a front-lit device.

2. (Previously Presented) The lighting apparatus of claim 1, further comprising a control device that controls the hue of the compensating light projected by the light hue modulating device in response to the hue of the ambient light.

3. (Previously Presented) The lighting apparatus of claim 1, further comprising a light source that generates bandwidths of light that are applied by the light hue modulating device to compensate for each level of ambient light that exists in the space.

4. (Original) The lighting apparatus of claim 3, wherein the light source produces white light.

5. (Original) The lighting apparatus of claim 1, further comprising a condenser lens that condenses the light directed at the light hue modulating device.

6. (Original) The lighting apparatus of claim 1, wherein the light hue modulating device is an optical modulator that can modulate the hue of light.

7- 8. (Canceled)

9. (Original) The lighting apparatus of claim 1, wherein the ambient light is produced at least partially by the sun.

10. (Previously Presented) The lighting apparatus of claim 1, wherein the ambient light is produced at least partially by a light source.

11. (Previously Presented) The lighting apparatus of claim 1, further comprising a sensor/controller mechanism that senses the hue of the ambient light in the space, and thereupon controls the lighting apparatus to generate the desired compensating light.

12. (Original) The lighting apparatus of claim 1, wherein the light hue modulating device includes a first reflector, a second reflector, and a flexure that controls the spacing between the first reflector and the second reflector so that light of a desired wavelength constructively interferes.

13. (Original) The lighting apparatus of claim 1, wherein the light hue modulating device includes a Fabry-Perot interference device.

14 - 17. (Canceled)

18. (Previously Presented) A lighting system, comprising:

means for controlling and sensing a compensating hue for a compensating light, the compensating hue compensating for a particular ambient light having an ambient hue; and

means for modulating the hue of the compensating light into the ambient light to yield a desired total light, wherein the means for modulating the hue includes a plurality of spaced reflectors in which the illumination constructive interferes at the compensating hue.

19. (Previously Presented) The lighting system of claim 18, wherein the means for modulating the hue includes a front-lit hue modulating device.

20. (Previously Presented) The lighting system of claim 18, wherein the means for modulating the hue includes a back-lit hue modulating device.

21. (Previously Presented) The lighting system of claim 18, wherein the means for controlling and sensing a compensating hue includes a feedback loop to compensate for the effectiveness of the means for modulating the hue.

22. (Previously Presented) A method of adjusting light within an area, the method comprising:

sensing, within the area, properties of ambient light and determining an ambient hue of the ambient light;

determining a compensating light having a compensating hue based on the ambient hue; and

projecting, into the area, the compensating light that interferes with the ambient light to produce a desired hue within the area.

23. (New) A lighting apparatus, comprising:

a sensor that senses hue of an ambient light within a space; and

a light hue modulating device that projects a compensating light to adjust the ambient light to a desired hue within the space, wherein the light hue modulating device is a back-lit device.

24. (New) The lighting apparatus of claim 23, further comprising a control device that controls the hue of the compensating light projected by the light hue modulating device in response to the hue of the ambient light.

25. (New) The lighting apparatus of claim 23, further comprising a light source that generates bandwidths of light that are applied by the light hue modulating device to compensate for each level of ambient light that exists in the space.

26. (New) The lighting apparatus of claim 25, wherein the light source produces white light.

27. (New) The lighting apparatus of claim 23, further comprising a condenser lens that condenses the light directed at the light hue modulating device.

28. (New) The lighting apparatus of claim 23, wherein the light hue modulating device is an optical modulator that can modulate the hue of light.

29. (New) The lighting apparatus of claim 23, wherein the ambient light is produced at least partially by the sun.

30. (New) The lighting apparatus of claim 23, wherein the ambient light is produced at least partially by a light source.

31. (New) The lighting apparatus of claim 23, further comprising a sensor/controller mechanism that senses the hue of the ambient light in the space, and thereupon controls the lighting apparatus to generate the desired compensating light.

32. (New) The lighting apparatus of claim 23, wherein the light hue modulating device includes a first reflector, a second reflector, and a flexure that controls the spacing between the first reflector and the second reflector so that light of a desired wavelength constructively interferes.

33. (New) The lighting apparatus of claim 23, wherein the light hue modulating device includes a Fabry-Perot interference device.

34. (New) A lighting apparatus, comprising:

a sensor that senses hue of an ambient light within a space; and

a light hue modulating device that projects a compensating light to adjust the ambient light to a desired hue within the space, wherein

the light hue modulating device includes a first reflector, a second reflector, and a flexure that controls the spacing between the first reflector and the second reflector so that light of a desired wavelength constructively interferes.

35. (New) A lighting apparatus, comprising:

a sensor that senses hue of an ambient light within a space; and

a light hue modulating device that projects a compensating light to adjust the ambient light to a desired hue within the space, wherein

the light hue modulating device includes a Fabry-Perot interference device..